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# Sacramento Metropolitan Fire District

## Community Risk Reduction Division

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## AIRCRAFT FUELING CHECKLIST

California Fire Code Chapter 11 and 22

### Scope

Aircraft motor-vehicle fueling, defueling and dispensing facilities.

### Conditions:

- ☐ Smoking, open flame, flame-producing devices and other sources of ignition are located 50 feet or more from aircraft-fueling operations.
- ☐ "No Smoking" signage is posted.
- ☐ Two 20B:C rated fire extinguishers are located on each aircraft fuel-servicing tank vehicle.
- ☐ 20B:C rated fire extinguisher is located on each hydrant fuel-servicing vehicle.
- ☐ Two 20B:C rated fire extinguishers are located at fuel dispensing stations with open-hose discharge capacity less than 200 gallons, 80B:C for capacities between 200-350 gallons and two 80B:C for capacities 350 gallons or more.
- ☐ Travel distance to fire extinguishers at fuel dispensing station does not exceed 75-feet.
- ☐ Aircraft-fueling vehicles are maintained and equipped with an approved transfer apparatus.
- ☐ Aircraft-fueling vehicles are not located, parked or standing under any portion of aircraft.
- ☐ Aircraft-fueling vehicles are 10 feet or more from fuel system vent openings.
- ☐ Aircraft-fueling vehicles are bonded to the aircraft.
- ☐ Aircraft-fueling vehicle operator training is documented.
- ☐ Emergency shut off controls are accessible and tested quarterly.
- ☐ Fuel transfer operations are not located on the exit side of aircraft containing passengers.
- ☐ Electrical and motor-driven devices are not connected or disconnected during fueling operations.
- ☐ Fuel-service equipment is maintained and free of leaks.

- ☐ Approved pump is used for fueling from drums or containers of more than 5 gallons.
- ☐ Aircraft onboard engines and combustion heaters are terminated during fueling operations.
- ☐ Unnecessary equipment is 50 feet or more from aircraft during fueling operations.
- ☐ Spark producing equipment is 10 feet or more from fueling operations.
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- ☐ Weather-mapping radar is not conducted during aircraft fuel-servicing operations.
- ☐ Aircraft fuel-servicing or other operations in which flammable liquids, vapors or mists may be present is 300 feet or more of operating aircraft surveillance radar.
- ☐ Aircraft fuel-servicing operations is 300 feet or more of airport flight traffic surveillance radar equipment.
- ☐ Aircraft fuel-servicing or other operations in which flammable liquids, vapors or mists may be present shall not be conducted within 100 feet (30 480 mm) of airport ground traffic surveillance radar equipment.
- ☐
- ☐ Dispensing devices are located more than 10 feet from buildings and lot lines, 20 feet from fixed ignition sources and such that nozzle reach is more than 5 feet from building openings.
- ☐ Bollards are provided at dispensing devices located at grade.
- ☐ Emergency disconnect switch is clearly identified, accessible and located 20-100 feet dispensers.
- ☐

Additional Requirements may apply.